

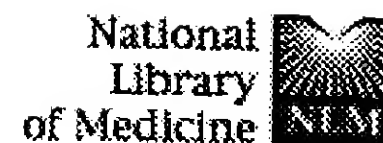
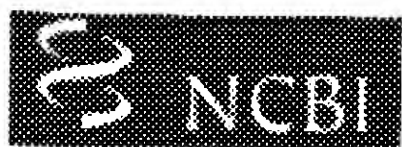
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







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















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











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
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
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












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










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









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
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




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







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
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
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
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
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
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
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

































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






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













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
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
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
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












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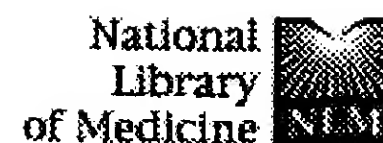
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
















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
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
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








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
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
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
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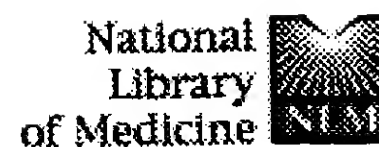
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
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
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







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

















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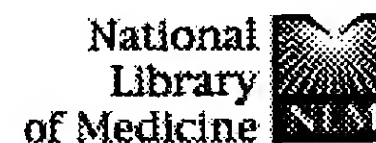
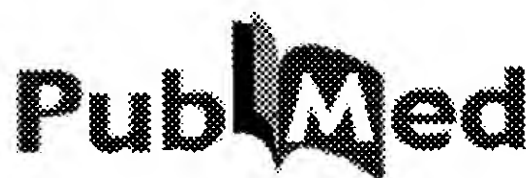
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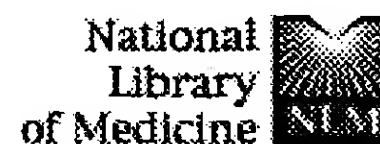
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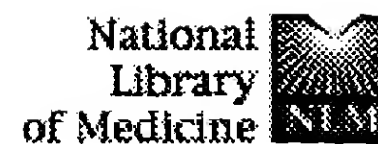
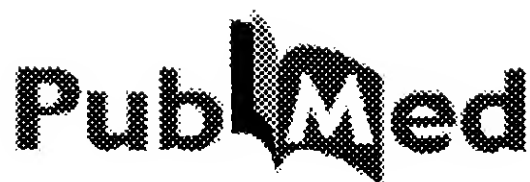
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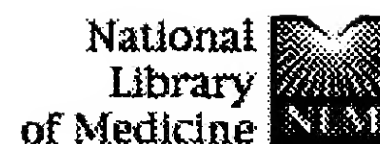
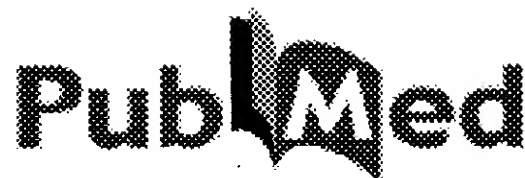
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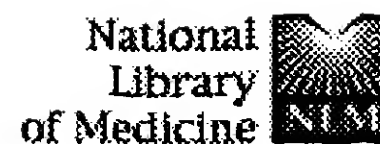
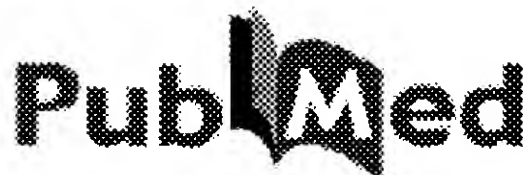
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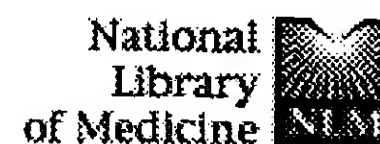
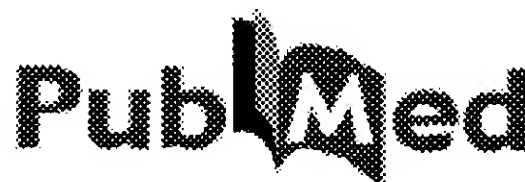
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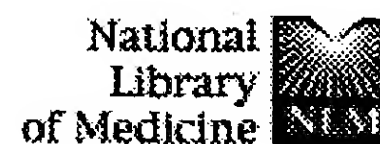
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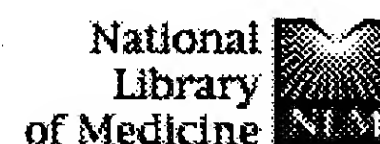
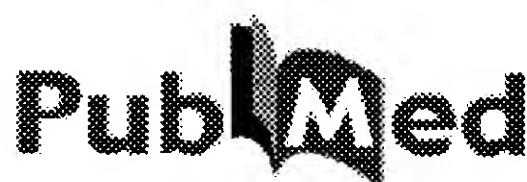
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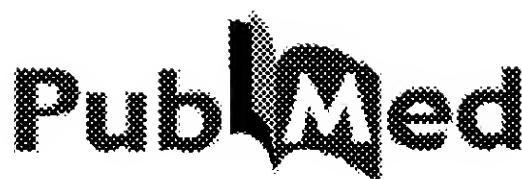
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FILE 'USPAT2' ENTERED AT 13:21:21 ON 16 APR 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s pleiotrophin
59 FILES SEARCHED...
L1 2992 PLEIOTROPHIN

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY 33% COMPLETE FOR L1
PROCESSING IS APPROXIMATELY 88% COMPLETE FOR L1
PROCESSING COMPLETED FOR L1
L2 1460 DUP REM L1 (1532 DUPLICATES REMOVED)

=> S L2 AND receptor
20 FILES SEARCHED...
36 FILES SEARCHED...
58 FILES SEARCHED...
L3 438 L2 AND RECEPTOR

=> S pleiotrophin receptor
30 FILES SEARCHED...
L4 46 PLEIOTROPHIN RECEPTOR

=> DUP REM L4
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L4
L5 42 DUP REM L4 (4 DUPLICATES REMOVED)

=> D L5 1-42

L5 ANSWER 1 OF 42 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 2003:57834 DISSABS Order Number: AAI3085389
TI Pleiotrophin signaling through PTNR in glioblastoma multiforme
AU Powers, Ciaran James [Ph.D.]; Wellstein, Anton [advisor]
CS Georgetown University Medical Center (0544)
SO Dissertation Abstracts International, (2003) Vol. 64, No. 3B, p. 1192.
Order No.: AAI3085389. 107 pages.
DT Dissertation
FS DAI
LA English
ED Entered STN: 20031201
Last Updated on STN: 20031201

L5 ANSWER 2 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:801430 CAPLUS
DN 139:394036
TI A role for receptor tyrosine phosphatase.zeta. in glioma cell migration
AU Mueller, Sabine; Kunkel, Philip; Lamszus, Katrin; Ulbricht, Ulrike;
Lorente, Gustavo Angel; Nelson, April Michelle; von Schack, David; Chin,
Daniel J.; Lohr, Scott Curtis; Westphal, Manfred; Melcher, Thorsten
CS AGY Therapeutics, Inc., South San Francisco, CA, 94080, USA
SO Oncogene (2003), 22(43), 6661-6668
CODEN: ONCNES; ISSN: 0950-9232
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 42 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:474893 BIOSIS
DN PREV200300474893
TI ***Pleiotrophin*** - ***receptor*** expression promotes pancreatic
cancer cell growth and may contribute to neuronal tumor invasion.
AU Flachmann, Sabine [Reprint Author]; Powers, Cirian [Reprint Author];
Wellstein, Anton [Reprint Author]; Juhl, Hartmut [Reprint Author]
CS Lombardi Cancer Center, Georgetown University, Washington, DC, USA
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (July 2003) Vol. 44, pp. 246. print.
Meeting Info.: 94th Annual Meeting of the American Association for Cancer
Research. Washington, DC, USA. July 11-14, 2003.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 15 oct 2003
Last Updated on STN: 15 oct 2003

L5 ANSWER 4 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:482085 CAPLUS
DN 140:195496
TI Technical advantage and limitation of phage display systems in protein
engineering and proteomics research
AU Yoshimura, Toru

CS Institute for Chemical Research, Kyoto University, Uji-shi, 611, Japan
SO Kagaku Furontia (2003), 9(Konbinatoriaru Baioenjinringu), 99-103
CODEN: KFAUA3
PB Kagaku Dojin
DT Journal; General Review
LA Japanese

L5 ANSWER 5 OF 42 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 1
AN 10091205 IFIPAT;IFIUDB;IFICDB
TI PLEIOTROPHIN GROWTH FACTOR RECEPTOR FOR THE TREATMENT OF PROLIFERATIVE,
VASCULAR AND NEUROLOGICAL DISORDERS; COMPLEX OF A PLEIOTROPHIN PROTEIN
AND A ***PLEIOTROPHIN*** - ***RECEPTOR*** PROTEIN

IN Wellstein Anton
PA Unassigned Or Assigned To Individual (68000)
PI US 2002034768 A1 20020321
AI US 2001-880097 20010614
PRAI US 2000-211491P 20000614 (Provisional)
FI US 2002034768 20020321
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION

CLMN 68

GI 9 Figure(s).

FIG. 1 (a) Schematic of ALK gene showing factor binding sites. (b) Binding of the PTN to recombinant ECD of ALK. (c) SELDI analysis of PTN-ligand binding. (d) SELDI analysis of conditioned media, initial PTN binding to ECD, and completed PTN binding to ECD.

FIG. 2 (a) Competition of PTN binding to 32D/ALK-transfected cells, and (b) saturation binding of PTN to 32D/ALK and 32D/ control cells.

FIG. 3 (a) SW-13 or SW-13/ALK cells stimulated with PTN and immunoprecipitated with anti-PY, anti-ALK, or anti-IRS-1 antibodies. (b) SW-13/ALK cells stimulated with PTN, ECD or anti-PTN and immunoprecipitated with anti-PY or WB anti-PTN. (c) PTN stimulation of SW-13/ALK cells immunoprecipitated with anti-PY.

FIG. 4 Affect of ALK overexpression on PTN-stimulated growth.

FIG. 5 (a-d) ALK expression in human GBM tissue and cell lines. (e) Detection of ALK mRNA in various cell lines by RNase protection.

FIG. 6 (a-c) Pleiotrophin-induced AKT phosphorylation in U87MG cells.

FIG. 7 (a) Autoradiogram and (b) quantitation by phosphoimager analysis of ALK mRNA. (c) Dose response of pleiotrophin, and (d) PDGF BB on phosphoAkt/Akt. (e) Comparison of the effect of PTN as a function of ALK levels in different cell lines.

FIG. 8 Xenograft tumor growth showing (a) size and (b) relative ALK/GAPDH as a function of time after tumor cell inoculation. (c) Mice survival curves from panel (a).

FIG. 9 Analysis of mitosis and apoptosis in tumor xenografts using (a) a high power (400 X) H & E (left column) and TUNEL (right column) stained sections from size-matched pRC/CMV (upper row) and RZ1-2 (lower row) xenograft tumors. (b) Number of mitotic figures and TUNEL positive cells as a function of relative ALK levels.

L5 ANSWER 6 OF 42 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:571627 BIOSIS
DN PREV200200571627
TI Anti-apoptotic signaling of pleiotrophin through its receptor, anaplastic lymphoma kinase.

AU Bowden, Emma T.; Stoica, Gerald E.; Wellstein, Anton [Reprint author]
CS Dept. of Oncology, Lombardi Cancer Center, Medical School, Georgetown University, 3970 Reservoir Rd., NW, Research Bldg. E311, Washington, DC, 20007-2197, USA
wellstea@georgetown.edu

SO Journal of Biological Chemistry, (September 27, 2002) Vol. 277, No. 39, pp. 35862-35868. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 7 Nov 2002

Last Updated on STN: 7 Nov 2002

L5 ANSWER 7 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:810384 CAPLUS

DN 138:131531

TI Effects of targeted overexpression of pleiotrophin on postnatal bone development

AU Tare, Rahul S.; Oreffo, Richard O. C.; Sato, Kenzo; Rauvala, Heikki; Clarke, Nicholas M. P.; Roach, Helmtrud I.

CS Bone & Joint Research Group, University Orthopaedics, University of
Southampton, UK
SO Biochemical and Biophysical Research Communications (2002), 298(3),
324-332
CODEN: BBRCA9; ISSN: 0006-291X
PB Elsevier Science
DT Journal
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 42 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2002-09978 BIOTECHDS
TI New pleiotrophin growth factor receptor proteins and polynucleotides,
useful for treating or preventing proliferative (e.g., cancer), vascular
and neurological disorders;
recombinant protein gene, vector expression in host cell, antibody,
hybridoma cell culture, sense and antisense molecule useful in disease
gene therapy and drug screening
AU WELLSTEIN A
PA UNIV GEORGETOWN MEDICAL CENT
PI WO 2001096394 20 Dec 2001
AI WO 2000-US18938 14 Jun 2000
PRAI US 2000-211491 14 Jun 2000
DT Patent
LA English
OS WPI: 2002-179508 [23]

L5 ANSWER 9 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:395102 CAPLUS
DN 135:102875
TI Identification of anaplastic lymphoma kinase as a receptor for the growth
factor pleiotrophin
AU Stoica, Gerald E.; Kuo, Angera; Aigner, Achim; Sunitha, Iruvanti; Souttou,
Boussad; Malerczyk, Claudius; Caughey, Dana J.; Wen, Duanzhi; Karavanov,
Alex; Riegel, Anna T.; Wellstein, Anton
CS Lombardi Cancer Center, Georgetown University, Washington, DC, 20007, USA
SO Journal of Biological Chemistry (2001), 276(20), 16772-16779
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 10 OF 42 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:69301 BIOSIS
DN PREV200200069301
TI Characterization of pleiotrophin signal transduction through a receptor
tyrosine kinase.
AU Kuo, Angera H. [Reprint author]; Stoica, Gerald E. [Reprint author];
Powers, Ciaran [Reprint author]; Bowden, Emma [Reprint author]; Riegel,
Anna T. [Reprint author]; Wellstein, Anton [Reprint author]
CS Lombardi Cancer Center, Georgetown University, Washington, DC, USA
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (March, 2001) Vol. 42, pp. 955. print.
Meeting Info.: 92nd Annual Meeting of the American Association for Cancer
Research. New Orleans, LA, USA. March 24-28, 2001.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 16 Jan 2002
Last Updated on STN: 25 Feb 2002

L5 ANSWER 11 OF 42 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:452994 BIOSIS
DN PREV200100452994
TI Pleiotrophin binds and activates a receptor tyrosine kinase.
AU Stoica, Gerald E. [Reprint author]; Aigner, Achim [Reprint author];
Powers, Ciaran [Reprint author]; List, Heinz-Joachim [Reprint author];
Kuo, Angera [Reprint author]; Bowden, Emma T. [Reprint author]; Riegel,
Anna T. [Reprint author]; Wellstein, Anton [Reprint author]
CS Lombardi Cancer Center, Georgetown University, Washington, DC, USA
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (March, 2001) Vol. 42, pp. 434. print.

Meeting Info.: 92nd Annual Meeting of the American Association for Cancer Research. New Orleans, LA, USA. March 24-28, 2001. American Association for Cancer Research.

ISSN: 0197-016X.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 26 Sep 2001
Last Updated on STN: 22 Feb 2002

L5 ANSWER 12 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:335533 CAPLUS

DN 133:1477

TI Induction of cell differentiation in vitro using genes for growth or differentiation factors and use of the cells in the treatment of disease

IN Sedlacek, Hans-harald; Havemann, Klaus; Muller, Rolf

PA Aventis Pharma Deutschland GmbH, Germany

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000028010	A2	20000518	WO 1999-EP7902	19991019
	WO 2000028010	A3	20000727		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 19850986	A1	20000525	DE 1998-19850986	19981105
	EP 1127109	A2	20010829	EP 1999-953880	19991019
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	JP 2002529080	T2	20020910	JP 2000-581177	19991019
PRAI	DE 1998-19850986	A	19981105		
	WO 1999-EP7902	W	19991019		

L5 ANSWER 13 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:175824 CAPLUS

DN 132:217982

TI Stimulation of angiogenesis via enhanced endothelial expression of chimeric heparan sulfate-binding proteins

IN Simons, Michael; Volk, Rudiger; Horowitz, Arie

PA Beth Israel Deaconess Medical Center, USA

SO PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000014103	A1	20000316	WO 1999-US18865	19990818
	W:	AU, CA, JP			
	RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			
	CA 2346430	AA	20000316	CA 1999-2346430	19990818
	AU 9956794	A1	20000327	AU 1999-56794	19990818
	EP 1112283	A1	20010704	EP 1999-943760	19990818
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	US 2004013653	A1	20040122	US 2003-352839	20030128
PRAI	US 1998-145916	A	19980902		
	WO 1999-US18865	W	19990818		

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L5 ANSWER 14 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:202194 CAPLUS

DN 132:344776

TI Pleiotrophin signals increased tyrosine phosphorylation of .beta.-catenin

through inactivation of the intrinsic catalytic activity of the
receptor-type protein tyrosine phosphatase .beta./.zeta.

AU Meng, Kung; Rodriguez-Pena, A.; Dimitrov, Todor; Chen, Wen; Yamin, Moshe;
Noda, Masaharu; Deuel, Thomas F.
CS Division of Growth Regulation, Department of Medicine, Beth Israel
Deaconess Medical Center, Harvard Medical School, Boston, MA, 02215, USA
SO Proceedings of the National Academy of Sciences of the United States of
America (2000), 97(6), 2603-2608
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English

RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 15 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:795994 CAPLUS
DN 132:31744
TI Gene probes used for genetic profiling in healthcare screening and
planning
IN Roberts, Gareth Wyn
PA Genostic Pharma Ltd., UK
SO PCT Int. Appl., 745 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964627	A2	19991216	WO 1999-GB1780	19990604
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	GB 1998-12099	A	19980606		
	GB 1998-13291	A	19980620		
	GB 1998-13611	A	19980624		
	GB 1998-13835	A	19980627		
	GB 1998-14110	A	19980701		
	GB 1998-14580	A	19980707		
	GB 1998-15438	A	19980716		
	GB 1998-15574	A	19980718		
	GB 1998-15576	A	19980718		
	GB 1998-16085	A	19980724		
	GB 1998-16086	A	19980724		
	GB 1998-16921	A	19980805		
	GB 1998-17097	A	19980807		
	GB 1998-17200	A	19980808		
	GB 1998-17632	A	19980814		
	GB 1998-17943	A	19980819		

L5 ANSWER 16 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:795993 CAPLUS
DN 132:31743
TI Gene probes used for genetic profiling in healthcare screening and
planning
IN Roberts, Gareth Wyn
PA Genostic Pharma Limited, UK
SO PCT Int. Appl., 149 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964626	A2	19991216	WO 1999-GB1779	19990604
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,			

MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2330929	AA	19991216	CA 1999-2330929	19990604
AU 9941586	A1	19991230	AU 1999-41586	19990604
AU 766544	B2	20031016		
AU 9941587	A1	19991230	AU 1999-41587	19990604
GB 2339200	A1	20000119	GB 1999-12914	19990604
GB 2339200	B2	20010912		
EP 1084273	A1	20010321	EP 1999-925207	19990604

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

JP 2003528564	T2	20030930	JP 2000-553616	19990604
US 2003198970	A1	20031023	US 2002-206568	20020729
PRAI GB 1998-12098	A	19980606		
GB 1998-28289	A	19981223		
GB 1998-16086	A	19980724		
GB 1998-16921	A	19980805		
GB 1998-17097	A	19980807		
GB 1998-17200	A	19980808		
GB 1998-17632	A	19980814		
GB 1998-17943	A	19980819		
US 1999-325123	B1	19990603		
WO 1999-GB1779	W	19990604		

L5 ANSWER 17 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:594970 CAPLUS

DN 131:223470

TI In vitro formation of congophilic Maltese-cross amyloid plaques to
identify anti-plaque therapeutics for the treatment of Alzheimer's and
prion diseases

IN Castillo, Gerardo; Snow, Alan D.

PA University of Washington, USA

SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9945947	A1	19990916	WO 1999-US5438	19990312
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2323090	AA	19990916	CA 1999-2323090	19990312
	AU 9930838	A1	19990927	AU 1999-30838	19990312
	EP 1064013	A1	20010103	EP 1999-912468	19990312
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI, RO				
	JP 2002506043	T2	20020226	JP 2000-535360	19990312
	US 2002168753	A1	20021114	US 2001-7779	20011130
PRAI	US 1998-77924P	P	19980313		
	US 1999-267795	B1	19990312		
	WO 1999-US5438	W	19990312		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:42551 CAPLUS

DN 132:147155

TI Antisense inhibition of syndecan-3 expression during skeletal muscle
differentiation accelerates myogenesis through a basic fibroblast growth
factor-dependent mechanism

AU Fuentealba, Luis; Carey, David J.; Brandan, Enrique

CS Department of Cell and Molecular Biology, Faculty of Biological Sciences,
Catholic University of Chile, Santiago, Chile

SO Journal of Biological Chemistry (1999), 274(53), 37876-37884

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 19 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:315382 CAPLUS

DN 131:68233

TI A receptor-like protein-tyrosine phosphatase PTP.zeta./RPTP.beta. binds a heparin-binding growth factor midkine. Involvement of arginine 78 of midkine in the high affinity binding to PTP.zeta.

AU Maeda, Nobuaki; Ichihara-Tanaka, Keiko; Kimura, Terutoshi; Kadomatsu, Kenji; Muramatsu, Takashi; Noda, Masaharu

CS Division of Molecular Neurobiology, National Institute for Basic Biology, and Department of Molecular Biomechanics, Graduate University for Advanced Studies, Okazaki, 444-8585, Japan

SO Journal of Biological Chemistry (1999), 274(18), 12474-12479

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 20 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:571503 CAPLUS

DN 131:284251

TI Regulated expression and subcellular localization of syndecan heparan sulfate proteoglycans and the syndecan-binding protein CASK/LIN-2 during rat brain development

AU Hsueh, Yi-Ping; Sheng, Morgan

CS Howard Hughes Medical Institute and Department of Neurobiology, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02114, USA

SO Journal of Neuroscience (1999), 19(17), 7415-7425

CODEN: JNRSDS; ISSN: 0270-6474

PB Society for Neuroscience

DT Journal

LA English

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 21 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:117168 CAPLUS

DN 130:279785

TI Regulatory role and molecular interactions of a cell-surface heparan sulfate proteoglycan (N-syndecan) in hippocampal long-term potentiation

AU Lauri, S. E.; Kaukinen, S.; Kinnunen, T.; Ylinen, A.; Imai, S.; Kaila, K.; Taira, T.; Rauvala, H.

CS Department of Biosciences, Division of Animal Physiology, University of Helsinki, Helsinki, 00014, Finland

SO Journal of Neuroscience (1999), 19(4), 1226-1235

CODEN: JNRSDS; ISSN: 0270-6474

PB Society for Neuroscience

DT Journal

LA English

RE.CNT 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 22 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:738584 CAPLUS

DN 132:33745

TI Expression of proteoglycan core proteins in human bone marrow stroma

AU Schofield, Karen P.; Gallagher, John T.; David, Guido

CS Department of Medical Oncology, Paterson Institute for Cancer Research, Manchester, M20 4BX, UK

SO Biochemical Journal (1999), 343(3), 663-668

CODEN: BIJOAK; ISSN: 0264-6021

PB Portland Press Ltd.

DT Journal

LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 23 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:53102 CAPLUS

DN 132:306779

TI Expression pattern alterations of syndecans and glypican-1 in normal and pathological trophoblast
AU Crescimanno, Caterina; Marzioni, Daniela; Paradinas, Fernando J.; Schrurs, Brigitte; Muhlhauser, Judith; Todros, Tullia; Newlands, Edward; David, Guido; Castellucci, Mario
CS Institute of Anatomy and Histology, University of Verona, Italy
SO Journal of Pathology (1999), 189(4), 600-608
CODEN: JPTLAS; ISSN: 0022-3417
PB John Wiley & Sons Ltd.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 24 OF 42 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:173836 BIOSIS
DN PREV199900173836
TI Domain structure of pleiotrophin required for transformation.
AU Zhang, N.; Zhong, R.; Deuel, T. F.
CS Div. Growth Regulation, Beth Israel Deacones Med. Center, Harvard Med. Sch., 330 Brookline Ave., Boston, MA 02215, USA
SO Proceedings of the American Association for Cancer Research Annual Meeting, (March, 1999) vol. 40, pp. 369. print.
Meeting Info.: 90th Annual Meeting of the American Association for Cancer Research. Philadelphia, Pennsylvania, USA. April 10-14, 1999. American Association for Cancer Research.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 5 May 1999
Last Updated on STN: 5 May 1999

L5 ANSWER 25 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:103214 CAPLUS
DN 130:278226
TI Interactions of neural glycosaminoglycans and proteoglycans with protein ligands: assessment of selectivity, heterogeneity and the participation of core proteins in binding
AU Herndon, Mary E.; Stipp, Christopher S.; Lander, Arthur D.
CS Department of Experimental Pathology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, 02215, USA
SO Glycobiology (1999), 9(2), 143-155
CODEN: GLYCE3; ISSN: 0959-6658
PB Oxford University Press
DT Journal
LA English
RE.CNT 100 THERE ARE 100 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 26 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:120544 CAPLUS
DN 130:280078
TI Levels of expression of pleiotrophin and protein tyrosine phosphatase.zeta. are decreased in human colorectal cancers
AU Yamakawa, Taishi; Kurosawa, Nobuyuki; Kadomatsu, Kenji; Matsui, Takanori; Itoh, Katsuki; Maeda, Nobuaki; Noda, Masaharu; Muramatsu, Takashi
CS Department of Biochemistry, Nagoya University School of Medicine, Showa-ku, Nagoya, 466, Japan
SO Cancer Letters (Shannon, Ireland) (1999), 135(1), 91-96
CODEN: CALEDQ; ISSN: 0304-3835
PB Elsevier Science Ireland Ltd.
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 27 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:438348 CAPLUS
DN 131:241507
TI Syndecan-4 expression is associated with follicular atresia in mouse ovary
AU Ishiguro, Kazuhiro; Kojima, Tetsuhito; Taguchi, Osamu; Saito, Hidehiko; Muramatsu, Takashi; Kadomatsu, K.
CS First Department of Internal Medicine, Nagoya University School of Medicine, Nagoya, 466-8550, Japan
SO Histochemistry and Cell Biology (1999), 112(1), 25-33

CODEN: HCBIFP; ISSN: 0948-6143
PB Springer-Verlag
DT Journal
LA English
RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 28 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:296500 CAPLUS
DN 129:39129
TI Cortactin-Src kinase signaling pathway is involved in N-syndecan-dependent neurite outgrowth
AU Kinnunen, Tarja; Kaksonen, Marko; Saarinen, Juhani; Kalkkinen, Nisse; Peng, H. Benjamin; Rauvala, Heikki
CS Laboratory of Molecular Neurobiology, Institute of Biotechnology, University of Helsinki, Helsinki, 00014, Finland
SO Journal of Biological Chemistry (1998), 273(17), 10702-10708
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English
RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 29 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:238845 CAPLUS
DN 129:26434
TI Syndecan-1 is up-regulated in ras-transformed intestinal epithelial cells
AU Wong, Z. M.; Choo, B.; Li, M.; Carey, D. J.; Cano-Gauci, D. F.; Buick, R. N.
CS Ontario Cancer Institute and Department of Medical Biophysics, University of Toronto, Toronto, ON, M5G 2M9, Can.
SO British Journal of Cancer (1998), 77(6), 890-896
CODEN: BJCAAI; ISSN: 0007-0920
PB Churchill Livingstone
DT Journal
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 30 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:297563 CAPLUS
DN 129:36611
TI Nitric oxide mediates interleukin-1-induced gene expression of matrix metalloproteinases and basic fibroblast growth factor in cultured rabbit articular chondrocytes
AU Sasaki, Kazuhiro; Hattori, Takako; Fujisawa, Takuo; Takahashi, Kojiro; Inoue, Hajime; Takigawa, Masaharu
CS Department of Biochemistry and Molecular Dentistry, Okayama University Dental School, Okayama, 700-8525, Japan
SO Journal of Biochemistry (Tokyo) (1998), 123(3), 431-439
CODEN: JOBIAO; ISSN: 0021-924X
PB Japanese Biochemical Society
DT Journal
LA English
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 31 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:785868 CAPLUS
DN 130:165874
TI The possible role of the cytosolic domain of heparan sulfate proteoglycan, syndecan
AU Yoneda, A.
CS Biosignaling Dep., Natl. Inst. Biosci. Human-Technology, Agency of Industrial Science and Technology, Tsukuba, Ibaraki, 305-8566, Japan
SO Trends in Glycoscience and Glycotechnology (1998), 10(55), 417-419
CODEN: TGGLEE; ISSN: 0915-7352
PB FCCA
DT Journal; General Review
LA English/Japanese

L5 ANSWER 32 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:462890 CAPLUS
DN 129:229241
TI Disrupted expression of matrix genes in the growth plate of the mouse

cartilage matrix deficiency (cmd) mutant
 AU Wai, Albert W. K.; Ng, Ling Jim; Watanabe, Hideto; Yamada, Yoshihiko; Tam, Patrick P. L.; Cheah, Kathryn S. E.
 CS Department of Biochemistry, The University of Hong Kong, Hong Kong, Peop. Rep. China
 SO Developmental Genetics (New York) (1998), 22(4), 349-358
 CODEN: DGNTDW; ISSN: 0192-253X
 PB Wiley-Liss, Inc.
 DT Journal
 LA English
 RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 33 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:736816 CAPLUS
 DN 130:107742
 TI Syndecan-3 in limb skeletal development
 AU Kosher, Robert A.
 CS Department of Anatomy, University of Connecticut Health Center, Farmington, CT, 06030, USA
 SO Microscopy Research and Technique (1998), 43(2), 123-130
 CODEN: MRTEE0; ISSN: 1059-910X
 PB Wiley-Liss, Inc.
 DT Journal; General Review
 LA English
 RE.CNT 97 THERE ARE 97 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 34 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:1559 CAPLUS
 DN 128:73898
 TI Transgenic animals expressing perlecan and amyloid genes at high levels and methods of identifying compounds for the treatment of amyloidoses
 IN Snow, Alan; Fukuchi, Ken-ichiro; Hassell, John
 PA University of Washington, USA
 SO PCT Int. Appl., 146 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9746664	A1	19971211	WO 1997-US9875	19970606
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2257304	AA	19971211	CA 1997-2257304	19970606
	AU 9736402	A1	19980105	AU 1997-36402	19970606
	EP 937137	A1	19990825	EP 1997-933136	19970606
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000512141	T2	20000919	JP 1998-500882	19970606
	US 6563016	B1	20030513	US 2000-536231	20000327
	US 2003233669	A1	20031218	US 2003-384172	20030305
PRAI	US 1996-17830P	P	19960606		
	US 1997-870987	B1	19970606		
	WO 1997-US9875	W	19970606		
	US 2000-536231	A3	20000327		

L5 ANSWER 35 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:751496 CAPLUS
 DN 128:99089
 TI Phosphorylation of recombinant N-syndecan (syndecan 3) core protein
 AU Asundi, Vinod K.; Carey, David J.
 CS Department of Cellular and Molecular Physiology, Penn State College of Medicine, Henry Hood, MD, Research Program, Pennsylvania State University, Danville, PA, 17822-2613, USA
 SO Biochemical and Biophysical Research Communications (1997), 240(2), 502-506
 CODEN: BBRCA9; ISSN: 0006-291X
 PB Academic Press

DT Journal
LA English

RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 36 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:709047 CAPLUS

DN 128:20913

TI Proteoglycan synthesis in hematopoietic cells: isolation and
characterization of heparan sulfate proteoglycans expressed by the
bone-marrow stromal cell line MS-5

AU Drzeniek, Zofia; Siebertz, Barbara; Stocker, Georg; Just, Ursula;
Ostertag, Wolfram; Greiling, Helmut; Haubeck, Hans-Dieter

CS Med. Fac., Inst. Clin. Chem. Pathobiochem., Univ. Technol., Aachen,
D-52057, Germany

SO Biochemical Journal (1997), 327(2), 473-480

CODEN: BIJOAK; ISSN: 0264-6021

PB Portland Press

DT Journal

LA English

RE.CNT 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 37 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:302253 CAPLUS

DN 127:15683

TI FGF-stimulated outgrowth and proliferation of limb mesoderm is dependent
on syndecan-3

AU Dealy, Caroline N.; Seghatoleslami, M. Reza; Ferrari, Deborah; Kosher,
Robert A.

CS Department of Anatomy, University of Connecticut Health Center,
Farmington, CT, 06030, USA

SO Developmental Biology (1997), 184(2), 343-350

CODEN: DEBIAO; ISSN: 0012-1606

PB Academic

DT Journal

LA English

RE.CNT 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:270829 CAPLUS

DN 126:328582

TI Expression of syndecan-1 and -3 during embryogenesis of the central
nervous system in relation to binding with midkine

AU Nakanishi, Toru; Kadomatsu, Kenji; Okamoto, Tomomitsu; Ichihara-Tanaka,
Keiko; Kojima, Tetsuhito; Saito, Hidehiko; Tomoda, Yutaka; Muramatsu,
Takashi

CS Department Biochemistry, Department Obstetrics Gynecology, Nagoya
University School Medicine, Nagoya, 466, Japan

SO Journal of Biochemistry (Tokyo) (1997), 121(2), 197-205

CODEN: JOBIAO; ISSN: 0021-924X

PB Japanese Biochemical Society

DT Journal

LA English

L5 ANSWER 39 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:50149 CAPLUS

DN 126:142401

TI Development and cell-type-specific expression of cell surface heparan
sulfate proteoglycans in the rat heart

AU Asundi, Vinod K.; Keister, Bonnie F.; Stahl, Richard C.; Carey, David J.

CS Sigfried and Janet Weis Center Res., Geisinger Clinic, Danville, PA,
17822, USA

SO Experimental Cell Research (1997), 230(1), 145-153

CODEN: ECREAL; ISSN: 0014-4827

PB Academic

DT Journal

LA English

L5 ANSWER 40 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:541965 CAPLUS

DN 125:213282

TI 6B4 proteoglycan/phosphacan, an extracellular variant of receptor-like
protein-tyrosine phosphatase .zeta./RPTP.beta., binds pleiotrophin/heparin-
binding growth-associated molecule (HB-GAM)

AU Maeda, Nobuaki; Nishiwaki, Taeko; Shintani, Takafumi; Hamanaka, Hiroki;
Noda, Masaharu
CS Division of Mol. Neurobiology, Graduate Univ. for Advanced Studies,
Okazaki, 444, Japan
SO Journal of Biological Chemistry (1996), 271(35), 21446-21452
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

L5 ANSWER 41 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:733353 CAPLUS
DN 126:16973
TI Syndecan-3 and the control of chondrocyte proliferation during
endochondral ossification
AU Shimazu, Atsushi; Nah, Hyun-Duck; Kirsch, Thorsten; Koyama, Eiki;
Leatherman, Judith L.; Golden, Eleanor B.; Kosher, Robert A.; Pacifici,
Maurizio
CS Dept. of Anatomy-Histology, Univ. of Pennsylvania, Philadelphia, PA,
19104-6003, USA
SO Experimental Cell Research (1996), 229(1), 126-136
CODEN: ECREAL; ISSN: 0014-4827
PB Academic
DT Journal
LA English

L5 ANSWER 42 OF 42 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:290788 CAPLUS
DN 120:290788
TI Isolation of a neuronal cell surface receptor of heparin binding
growth-associated molecule (HB-GAM). Identification as N-syndecan
(syndecan-3)
AU Raulo, Erkki; Chernousov, Michael A.; Carey, David J.; Nolo, Riitta;
Rauvala, Heikki
CS Inst. Biotechnol., Univ. Helsinki, 00014, Finland
SO Journal of Biological Chemistry (1994), 269(17), 12999-3004
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

=> S ALK AND pleiotrophin

47 FILES SEARCHED...

L6 71 ALK AND PLEIOTROPHIN

=> DUP REM L6

DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L6

L7 32 DUP REM L6 (39 DUPLICATES REMOVED)

=> D L7 1-32

L7 ANSWER 1 OF 32 USPATFULL on STN
AN 2004:95921 USPATFULL
TI Methods and compositions for regulating bone and cartilage formation
IN Pittman, Debra D., Windham, NH, UNITED STATES
Clancy, Brian M., Ashland, MA, UNITED STATES
PI US 2004073377 A1 20040415
AI US 2002-329056 A1 20021223 (10)
RLI Continuation-in-part of Ser. No. US 2002-125691, filed on 18 Apr 2002,
PENDING
PRAI US 2001-284786P 20010418 (60)
DT Utility
FS APPLICATION
LN.CNT 12882
INCL INCLM: 702/020.000
NCL NCLM: 702/020.000
IC [7]
ICM: G06F019-00
ICS: G01N033-48; G01N033-50

L7 ANSWER 2 OF 32 USPATFULL on STN
AN 2004:94842 USPATFULL

TI Human RGR oncogene and truncated transcripts thereof detected in T cell
malignancies, antibodies to the encoded polypeptides and methods of use
IN Pellicer, Angel, New York, NY, UNITED STATES
Leonardi, Peter, East Haven, CT, UNITED STATES
Inghirami, Giorgio, Mt. Vernon, NY, UNITED STATES
PA New York University, New York, NY, UNITED STATES, 10012 (U.S.
corporation)
PI US 2004072295 A1 20040415
AI US 2003-625471 A1 20030723 (10)
PRAI US 2002-397873P 20020724 (60)
DT Utility
FS APPLICATION
LN.CNT 2231
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500; 424/143.100;
530/388.220
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500; 424/143.100;
530/388.220
IC [7]
ICM: C07K014-705
ICS: C07H021-04; A61K039-395; C07K016-30

L7 ANSWER 3 OF 32 USPATFULL on STN
AN 2004:50862 USPATFULL
TI Wound healing biomarkers
IN Burslem, Martyn Frank, Sandwich, UNITED KINGDOM
Johnson, Claire Michelle, Sandwich, UNITED KINGDOM
Cooper, Lisa, London, UNITED KINGDOM
Martin, Paul, London, UNITED KINGDOM
PI US 2004038292 A1 20040226
AI US 2002-175184 A1 20020618 (10)
PRAI GB 2001-14869 20010618
US 2001-305346P 20010713 (60)
DT Utility
FS APPLICATION
LN.CNT 67123
INCL INCLM: 435/007.100
INCLS: 435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/007.100
NCLS: 435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: G01N033-53
ICS: C07H021-04; C12P021-02; C12N005-06; C12N009-64

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 2004:30322 CAPLUS
DN 140:229892
TI Heparin affin regulatory peptide in milk: its involvement in mammary gland
homeostasis
AU Bernard-Pierrot, Isabelle; Delbe, Jean; Heroult, Melanie; Rosty,
Christophe; Soulie, Patrick; Barritault, Denis; Milhiet, Pierre-Emmanuel;
Courty, Jose
CS Laboratoire de Recherche sur la Croissance Cellulaire, la Reparation et la
Regeneration Tissulaires FRE CNRS No. 2412, Universite Paris Val de Marne,
Creteil, 94010, Fr.
SO Biochemical and Biophysical Research Communications (2004), 314(1),
277-282
CODEN: BBRC9; ISSN: 0006-291X
PB Elsevier Science
DT Journal
LA English
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 32 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 2003:57834 DISSABS Order Number: AAI3085389
TI ***Pleiotrophin*** signaling through PTNR in glioblastoma multiforme
AU Powers, Ciaran James [Ph.D.]; Wellstein, Anton [advisor]
CS Georgetown University Medical Center (0544)
SO Dissertation Abstracts International, (2003) Vol. 64, No. 3B, p. 1192.
Order No.: AAI3085389. 107 pages.
DT Dissertation
FS DAI

LA English
ED Entered STN: 20031201
Last Updated on STN: 20031201

L7 ANSWER 6 OF 32 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 2003:57837 DISSABS Order Number: AAI3085392
TI The role of insulin receptor substrate-1 in anaplastic lymphoma kinase
signaling
AU Kuo, Angera H. [Ph.D.]; Wellstein, Anton [advisor]
CS Georgetown University Medical Center (0544)
SO Dissertation Abstracts International, (2003) Vol. 64, No. 3B, p. 1042.
Order No.: AAI3085392. 171 pages.
DT Dissertation
FS DAI
LA English
ED Entered STN: 20031201
Last Updated on STN: 20031201

L7 ANSWER 7 OF 32 NTIS COPYRIGHT 2004 NTIS on STN
AN 2004(01):00646 NTIS Order Number: ADA416741/XAB
TI ***Pleiotrophin*** Signaling Through PTNR in Breast Cancer. Annual
summary 1 Apr 2000-31 Mar 2003.
AU Kuo, A. H.
CS George Washington Univ. Medical Center, Washington, DC. (053386000
392766)
NR ADA416741/XAB
11p; Apr 2003
NC Contract(s): DAMD17-00-1-0257
DT Report
CY United States
LA English
AV Product reproduced from digital image. Order this product from NTIS by:
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countries); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
OS GRA&I0401

L7 ANSWER 8 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:656409 CAPLUS
DN 139:185628
TI Method for enhancing bone density or formation by expressing recombinant
secreted alkaline phosphatase
IN Kovesdi, Imre
PA GenVec, Inc., USA
SO U.S. Pat. Appl. Publ., 45 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003158132	A1	20030821	US 2002-53637	20020122
PRAI	US 2002-53637		20020122		

L7 ANSWER 9 OF 32 USPATFULL on STN
AN 2003:127047 USPATFULL
TI Methods and compositions for regulating bone and cartilage formation
IN Clancy, Brian M., Ashland, MA, UNITED STATES
Pittman, Debra D., Windham, NH, UNITED STATES
PI US 2003087259 A1 20030508
AI US 2002-125691 A1 20020418 (10)
PRAI US 2001-284786P 20010418 (60)
DT Utility
FS APPLICATION
LN.CNT 12451
INCL INCLM: 435/006.000
INCLS: 702/020.000
NCL NCLM: 435/006.000
NCLS: 702/020.000
IC [7]
ICM: C12Q001-68
ICS: G06F019-00; G01N033-48; G01N033-50
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:503256 BIOSIS
DN PREV200300498835
TI The role of anaplastic lymphoma kinase in the interaction between tumor
cells and stroma.
AU Stoica, Gerald E. [Reprint Author]; Bowden, Emma T. [Reprint Author];
Henke, Ralf [Reprint Author]; Kuo, Angera H. [Reprint Author]; Lahusen,
John T. [Reprint Author]; Wellstein, Anton [Reprint Author]
CS Georgetown University, Washington, DC, USA
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (July 2003) Vol. 44, pp. 1249. print.
Meeting Info.: 94th Annual Meeting of the American Association for Cancer
Research. Washington, DC, USA. July 11-14, 2003.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 29 Oct 2003
Last Updated on STN: 29 Oct 2003

L7 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:332522 CAPLUS
DN 139:399646
TI Novel Osteoinductive Biomimetic Scaffolds Stimulate Human Osteoprogenitor
Activity-Implications for Skeletal Repair
AU Yang, X. B.; Green, D. W.; Roach, H. I.; Clarke, N. M. P.; Anderson, H.
C.; Howdle, S. M.; Shakesheff, K. M.; Oreffo, R. O. C.
CS Southampton General Hospital, University Orthopaedics, Southampton, UK
SO Connective Tissue Research (2003), 44(suppl. 1), 312-317
CODEN: CVTRBC; ISSN: 0300-8207
PB Taylor & Francis, Inc.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:168354 BIOSIS
DN PREV200400162166
TI ***pleiotrophin*** signal disruption of cell-cell adhesion,
translocation of beta-catenin to the nucleus, and association of
beta-catenin with different transcription activators in
pleiotrophin -stimulated cells.
AU Pinera, Pablo Perez [Reprint Author]; Deuel, Thomas F. [Reprint Author];
Vega-Alvarez, Jose A.
CS Molecular and Experimental Medicine, Scripps Research Institute, La Jolla,
CA, USA
SO Blood, (November 16 2003) Vol. 102, No. 11, pp. 201b. print.
Meeting Info.: 45th Annual Meeting of the American Society of Hematology.
San Diego, CA, USA. December 06-09, 2003. American Society of Hematology.
CODEN: BLOOAW. ISSN: 0006-4971.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Mar 2004
Last Updated on STN: 24 Mar 2004

L7 ANSWER 13 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:51662 CAPLUS
DN 138:281547
TI Induction of human osteoprogenitor chemotaxis, proliferation,
differentiation, and bone formation by osteoblast stimulating factor-1/
pleiotrophin : osteoconductive biomimetic scaffolds for tissue
engineering
AU Yang, Xuebin; Tare, Rahul S.; Partridge, Kris A.; Roach, Helmtrud I.;
Clarke, Nicholas M. P.; Howdle, Steven M.; Shakesheff, Kevin M.; Oreffo,
Richard O. C.
CS University Orthopaedics, University of Southampton, Southampton, UK
SO Journal of Bone and Mineral Research (2003), 18(1), 47-57
CODEN: JBMREJ; ISSN: 0884-0431
PB American Society for Bone and Mineral Research
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 14 OF 32 NTIS COPYRIGHT 2004 NTIS on STN
AN 2003(05):00175 NTIS Order Number: ADA407244/XAB
TI ***Pleiotrophin*** Signaling Through PTNR in Breast Cancer. Annual
summary rept. 1 Apr 2001-31 Mar 2002.
AU Kuo, A. H.
CS Georgetown Univ., Washington, DC. (011489000 153600)
NR ADA407244/XAB
13p; Apr 2002
NC Contract(s): DAMD17-00-1-0257
DT Report
CY United States
LA English
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countries); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
OS GRA&I0305

L7 ANSWER 15 OF 32 NTIS COPYRIGHT 2004 NTIS on STN
AN 2003(13):00050 NTIS Order Number: ADA410204/XAB
TI Gene Regulation and Expression Pattern of the Growth Factor
Pleiotrophin in Breast Cancer. Annual summary 1 Sep 2001-31 Aug
2002.
AU Stoica, G. E.
CS Georgetown Univ., Washington, DC. Medical Center. (011489008 153650)
NR ADA410204/XAB
13p; Sep 2002
NC Contract(s): DAMD17-99-1-9204
DT Report
CY United States
LA English
AV Product reproduced from digital image. Order this product from NTIS by:
phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other
countries); fax at (703)605-6900; and email at orders@ntis.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
OS GRA&I0313

L7 ANSWER 16 OF 32 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 2
AN 10091205 IFIPAT;IFIUDB;IFICDB
TI ***PLEIOTROPHIN*** GROWTH FACTOR RECEPTOR FOR THE TREATMENT OF
PROLIFERATIVE, VASCULAR AND NEUROLOGICAL DISORDERS; COMPLEX OF A
PLEIOTROPHIN PROTEIN AND A ***PLEIOTROPHIN*** -RECEPTOR
PROTEIN
IN Wellstein Anton
PA Unassigned Or Assigned To Individual (68000)
PI US 2002034768 A1 20020321
AI US 2001-880097 20010614
PRAI US 2000-211491P 20000614 (Provisional)
FI US 2002034768 20020321
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 68
GI 9 Figure(s).
FIG. 1 (a) Schematic of ***ALK*** gene showing factor binding sites.
(b) Binding of the PTN to recombinant ECD of ***ALK***. (c) SELDI
analysis of PTN-ligand binding. (d) SELDI analysis of conditioned media,
initial PTN binding to ECD, and completed PTN binding to ECD.
FIG. 2 (a) Competition of PTN binding to 32D/ ***ALK*** -transfected
cells, and (b) saturation binding of PTN to 32D/ ***ALK*** and 32D/
control cells.
FIG. 3 (a) SW-13 or SW-13/ ***ALK*** cells stimulated with PTN and
immunoprecipitated with anti-PY, anti- ***ALK***, or anti-IRS-1
antibodies. (b) SW-13/ ***ALK*** cells stimulated with PTN, ECD or
anti-PTN and immunoprecipitated with anti-PY or WB anti-PTN. (c) PTN
stimulation of SW-13/ ***ALK*** cells immunoprecipitated with anti-PY.
FIG. 4 Affect of ***ALK*** overexpression on PTN-stimulated growth.
FIG. 5 (a-d) ***ALK*** expression in human GBM tissue and cell lines.
(e) Detection of ***ALK*** mRNA in various cell lines by RNase
protection.
FIG. 6 (a-c) ***pleiotrophin*** -induced AKT phosphorylation in U87MG
cells.
FIG. 7 (a) Autoradiogram and (b) quantitation by phosphoimager analysis of
ALK mRNA. (c) Dose response of ***pleiotrophin***, and (d)

PDGF BB on phosphoAkt/Akt. (e) Comparison of the effect of PTN as a function of ***ALK*** levels in different cell lines.
 FIG. 8 Xenograft tumor growth showing (a) size and (b) relative ***ALK*** /GAPDH as a function of time after tumor cell inoculation. (c) Mice survival curves from panel (a).
 FIG. 9 Analysis of mitosis and apoptosis in tumor xenografts using (a) a high power (400 X) H & E (left column) and TUNEL (right column) stained sections from size-matched pRC/CMV (upper row) and RZ1-2 (lower row) xenograft tumors. (b) Number of mitotic figures and TUNEL positive cells as a function of relative ***ALK*** levels.

- L7 ANSWER 17 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 3
 AN 2002:571641 BIOSIS
 DN PREV200200571641
 TI Midkine binds to anaplastic lymphoma kinase (***ALK***) and acts as a growth factor for different cell types.
 AU Stoica, Gerald E.; Kuo, Angera; Powers, Ciaran; Bowden, Emma T.; Sale, Elaine Buchert; Riegel, Anna T.; Wellstein, Anton [Reprint author]
 CS Lombardi Cancer Center, Georgetown University, 3970 Reservoir Rd., N. W., Washington, DC, 20007, USA
 wellstea@georgetown.edu
 SO Journal of Biological Chemistry, (September 27, 2002) Vol. 277, No. 39, pp. 35990-35998. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 7 Nov 2002
 Last Updated on STN: 7 Nov 2002
- L7 ANSWER 18 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 4
 AN 2002:571627 BIOSIS
 DN PREV200200571627
 TI Anti-apoptotic signaling of ***pleiotrophin*** through its receptor, anaplastic lymphoma kinase.
 AU Bowden, Emma T.; Stoica, Gerald E.; Wellstein, Anton [Reprint author]
 CS Dept. of Oncology, Lombardi Cancer Center, Medical School, Georgetown University, 3970 Reservoir Rd., NW, Research Bldg. E311, Washington, DC, 20007-2197, USA
 wellstea@georgetown.edu
 SO Journal of Biological Chemistry, (September 27, 2002) Vol. 277, No. 39, pp. 35862-35868. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 7 Nov 2002
 Last Updated on STN: 7 Nov 2002
- L7 ANSWER 19 OF 32 CANCERLIT on STN DUPLICATE 5
 AN 2002192907 CANCERLIT
 DN 22191306 PubMed ID: 12070152
 TI Dominant negative effectors of heparin affin regulatory peptide (HARP) angiogenic and transforming activities.
 AU Bernard-Pierrot Isabelle; Delbe Jean; Rouet Vincent; Vigny Marc; Kerros Marie-Emmanuelle; Caruelle Daniele; Raulais Daniel; Barritault Denis; Courty Jose; Milhiet Pierre Emmanuel
 CS Laboratoire de recherche sur la Croissance Cellulaire, la Reparation et la Regeneration Tissulaires (CRRET), CNRS UPRES-A 7053, Universite Paris XII, Avenue du General de Gaulle, 94010 Creteil Cedex, France.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Aug 30) 277 (35) 32071-7.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United states
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 2002452367
 EM 200210
 ED Entered STN: 20021115
 Last Updated on STN: 20021115
- L7 ANSWER 20 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 6
 AN 2002:420194 BIOSIS
 DN PREV200200420194
 TI ***pleiotrophin*** signaling through anaplastic lymphoma kinase is

rate-limiting for glioblastoma growth.

AU Powers, Ciaran; Aigner, Achim; Stoica, Gerald E.; McDonnell, Kevin;
Wellstein, Anton [Reprint author]

CS Dept. of Oncology, Georgetown University, 3970 Reservoir Rd., Washington,
DC, 20007, USA
wellstea@georgetown.edu

SO Journal of Biological Chemistry, (April 19, 2002) vol. 277, No. 16, pp.
14153-14158. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 7 Aug 2002
Last Updated on STN: 7 Aug 2002

L7 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:576776 CAPLUS

DN 137:320649

TI ***Pleiotrophin*** regulates bone morphogenetic protein (BMP)-induced
ectopic osteogenesis

AU Sato, Yasuko; Takita, Hiroko; Ohata, Noboru; Tamura, Masato; Kuboki,
Yoshinori

CS Department of Oral Functional Science, Graduate School of Dental Medicine,
Hokkaido University, Sapporo, 060-8586, Japan

SO Journal of Biochemistry (Tokyo, Japan) (2002), 131(6), 877-886
CODEN: JOBIA0; ISSN: 0021-924X

PB Japanese Biochemical Society

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:465423 CAPLUS

DN 137:228256

TI Human secretory signal peptide description by hidden Markov model and
generation of a strong artificial signal peptide for secreted protein
expression

AU Barash, Steve; Wang, Wei; Shi, Yanggu

CS Department of Information Technology, Human Genome Sciences, Inc.,
Rockville, MD, 20850, USA

SO Biochemical and Biophysical Research Communications (2002), 294(4),
835-842
CODEN: BBRC9; ISSN: 0006-291X

PB Elsevier Science

DT Journal

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 23 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2002:396011 BIOSIS

DN PREV200200396011

TI Abrogation of IL-3 dependence requires co-expression of the anaplastic
lymphoma kinase receptor and its major substrate, IRS-1, in 32D cells.

AU Kuo, Angera H. [Reprint author]; Stoica, Gerald E. [Reprint author];
Riegel, Anna T. [Reprint author]; Wellstein, Anton [Reprint author]

CS Lombardi Cancer Center, Georgetown University, Washington, DC, USA

SO Proceedings of the American Association for Cancer Research Annual
Meeting, (March, 2002) Vol. 43, pp. 725. print.
Meeting Info.: 93rd Annual Meeting of the American Association for Cancer
Research. San Francisco, California, USA. April 06-10, 2002.
ISSN: 0197-016X.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 24 Jul 2002
Last Updated on STN: 24 Jul 2002

L7 ANSWER 24 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2002:332497 BIOSIS

DN PREV200200332497

TI Ribozyme-targeting elucidates the role of the growth factor
pleiotrophin (PTN) and of the newly identified PTN-receptor PTN-R/
ALK in tumor growth.

AU Czubayko, Frank [Reprint author]; Malerczyk, Claudius [Reprint author];
Aigner, Achim [Reprint author]

CS Dept. of Pharmacology and Toxicology, Philipps-University, 35033, Marburg,
Germany

SO Naunyn-Schmiedeberg's Archives of Pharmacology, (March, 2002) Vol. 365,
No. Supplement 1, pp. R9. print.
Meeting Info.: 43rd Spring Meeting of the German Society for Experimental
and Clinical Pharmacology and Toxicology. Mainz, Germany. March 12-14,
2002.
CODEN: NSAPCC. ISSN: 0028-1298.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 12 Jun 2002
Last Updated on STN: 12 Jun 2002

L7 ANSWER 25 OF 32 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2002:402436 SCISEARCH

GA The Genuine Article (R) Number: 542EQ

TI Ribozyme-targeting elucidates the role of the growth factor
pleiotrophin (PTN) and of the newly identified PTN-receptor PTN-R/
ALK in tumor growth

AU Czubayko F (Reprint); Malerczyk C; Aigner A

CS Univ Marburg, Dept Pharmacol & Toxicol, D-35033 Marburg, Germany

CYA Germany

SO NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, (MAR 2002) Vol. 365, Supp.
[1], pp. R9-R9. MA 24.
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010 USA.
ISSN: 0028-1298.

DT Conference; Journal

LA English

REC Reference Count: 0

L7 ANSWER 26 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:379984 BIOSIS

DN PREV200300379984

TI HB - GAM IN NEURONAL PROLIFERATION AND MIGRATION: REVEALING THE ROLES OF
THREE POSSIBLE RECEPTORS.

AU Hienola, A. E. [Reprint Author]; Kinnunen, T.; Rauvala, H. [Reprint
Author]

CS Univ Helsinki, Helsinki, Finland

SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 818.1. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LA English

ED Entered STN: 20 Aug 2003
Last Updated on STN: 20 Aug 2003

L7 ANSWER 27 OF 32 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

AN 2002-09978 BIOTECHDS

TI New ***pleiotrophin*** growth factor receptor proteins and
polynucleotides, useful for treating or preventing proliferative (e.g.,
cancer), vascular and neurological disorders;
recombinant protein gene, vector expression in host cell, antibody,
hybridoma cell culture, sense and antisense molecule useful in disease
gene therapy and drug screening

AU WELLSTEIN A

PA UNIV GEORGETOWN MEDICAL CENT

PI WO 2001096394 20 Dec 2001

AI WO 2000-US18938 14 Jun 2000

PRAI US 2000-211491 14 Jun 2000

DT Patent

LA English

OS WPI: 2002-179508 [23]

L7 ANSWER 28 OF 32 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

DUPLICATE 8

AN 2001:390198 BIOSIS

DN PREV200100390198

TI Identification of anaplastic lymphoma kinase as a receptor for the growth
factor ***pleiotrophin***

AU Stoica, Gerald E.; Kuo, Angera; Aigner, Achim; Sunitha, Iruvanti; Souttou,
Boussad; Malerczyk, Claudius; Caughey, Dana J.; Wen, Duanzhi; Karavanov,
Alex; Riegel, Anna T.; Wellstein, Anton [Reprint author]

CS Lombardi Cancer Center, Georgetown University, 3970 Reservoir Rd. NW,
Research Bldg. E311, Washington, DC, 20007, USA
wellstea@georgetown.edu
SO Journal of Biological Chemistry, (May 18, 2001) Vol. 276, No. 20, pp.
16772-16779. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
OS Genbank-AF149800; Genbank-AF236106; Genbank-M57399; Genbank-U66559
ED Entered STN: 15 Aug 2001
Last Updated on STN: 23 Feb 2002

L7 ANSWER 29 OF 32 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
on STN DUPLICATE
AN 2001226381 ESBIODASE
TI Translocations involving anaplastic lymphoma kinase (***ALK***)
AU Duyster J.; Bai R.-Y.; Morris S.W.
CS J. Duyster, Department of Internal Medicine III, Laboratory of
Leukemogenesis, Technical University of Munich, Ismaningerstr 22, 81675
Munich, Germany.
E-mail: justus.duyster@lrz.tum.de
SO Oncogene, (10 SEP 2001), 20/40 REV. ISS. 4 (5623-5637), 122 reference(s)
CODEN: ONCNES ISSN: 0950-9232
DT Journal; General Review
CY United Kingdom
LA English
SL English

L7 ANSWER 30 OF 32 USPATFULL on STN
AN 2000:18280 USPATFULL
TI Nucleic acid sequence of senescence associated gene
IN Funk, Walter, Hayward, CA, United States
PA Geron Corporation, Menlo Park, CA, United States (U.S. corporation)
PI US 6025194 20000215
AI US 1997-974180 19971119 (8)
DT Utility
FS Granted
LN.CNT 4667
INCL INCLM: 435/320.100
INCLS: 536/023.100; 536/023.500; 536/024.100; 435/320.100; 435/325.000
NCL NCLM: 435/320.100
NCLS: 435/325.000; 536/023.100; 536/023.500; 536/024.100
IC [7]
ICM: C07H021-04
ICS: C12N015-63; C12N015-85; C12N015-11
EXF 536/23.5; 536/23.1; 536/24.1; 435/320.1; 435/325
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 31 OF 32 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:159545 FEDRIP
NR CRISP 1R01CA10181-01
TI Inhibition of the ***ALK*** Receptor Kinase
SF Principal Investigator: WELLSTEIN, ANTON; WELLSTEA@GEORGETOWN.EDU,
LOMBARDI CANCER CTR, 3970 RESERVOIR RD NW
CSP GEORGETOWN UNIVERSITY, WASHINGTON, DIST OF COL
CSS Supported By: NATIONAL CANCER INSTITUTE
DB 2008 (/01/03)
FYR 2003
DE 2007 (/31/07)
FU New Award (Type 1)
FS National Institutes of Health

L7 ANSWER 32 OF 32 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AB073169 GenBank (R)
GenBank ACC. NO. (GBN): AB073169
GenBank VERSION (VER): AB073169.1 GI:24106485
CAS REGISTRY NO. (RN): 466626-87-9
SEQUENCE LENGTH (SQL): 1054
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 18 Oct 2002
DEFINITION (DEF): Rattus norvegicus ***alk*** mRNA for anaplastic
lymphoma kinase, partial cds.
SOURCE: Rattus norvegicus intestine cDNA to mRNA.
ORGANISM (ORGN): Rattus norvegicus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Rattus

NUCLEIC ACID COUNT (NA): 237 a 296 c 287 g 234 t

REFERENCE:

1

AUTHOR (AU):

Asahina,K.; Sato,H.; Yamasaki,C.; Tatenno,C.;
Kataoka,M.; Shiokawa,M.; Katayama,S.; Yoshizato,K.

TITLE (TI):

Pleiotrophin /HB-GAM as a Mitogen of Rat
Hepatocytes and Its Role in Regeneration and
Development of Liver

JOURNAL (SO):

Unpublished

REFERENCE:

2 (bases 1 to 1054)

AUTHOR (AU):

Shiokawa,M.; Asahina,K.; Tatenno,C.; Yoshizato,K.

TITLE (TI):

Direct Submission

JOURNAL (SO):

Submitted (17-OCT-2001) Kinji Asahina, Hiroshima Tissue
Regeneration Project, Hiroshima Prefecture
Collabolation of Regional Entities for the Advancement
of Technological Excellence, Japan Science and
Technology Corporation, Hiroshima Prefectural Institute
of Industrial Science and Technology; Kagamiyama,
Higashihiroshima 739-8526, Japan (E-
mail:asahina@sankaken.gr.jp, Tel:81-824-31-0209,
Fax:81-821-31-0210)

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1054	/organism="Rattus norvegicus" /db-xref="taxon:10116" /tissue-type="intestine"
gene	1..1054	/gene="alk"
CDS	<1..>1054	/gene="alk" /codon-start=1 /product="anaplastic lymphoma kinase" /protein-id="BAC21663.1" /db-xref="GI:24106486" /translation="DPESHKVICFCDHGTVLADD GVSCIVSPTPEPHLPLSLILSVVT SALVAALVLAFFGIMIVYRRKHQELQAMQMELQS PEYKLSKLRTSTIMTDYNPNYCFA GKTSSISDLKEVPRKNITLIRGLGHGAFGEVYEG QVSGMPNDPSPLQVAVKTLPEVCS EQDELDFLMEALIISKFNHQNIVRCIGVSLQALP RFILLELMAGGDLKSFLRETRPRP NQPTSLAMLDLLHWARDIACGCQYLEENHFIHRD IAARNCLLTCPGAGRIAKIGDFGM ARDIYRASYYRKGGCAMLVVKWMPPEAFMEGIFT SKTDTWSFGVLLWEIFSLGYMPHP SKSNQEVLEFVTSGGRM"

SEQUENCE (SEQ):

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61 ggtgtctcct gcattgtgtc gccacccccg gaacccccacc tgccgctctc attgatcctc
121 tccgtcgtga cctctgccct ggtggccgct ctctgttctgg cattccccgg catcatgatt
181 gtgtaccgcc ggaagcacca ggagttgcaa gctatgcaga tggagctgca gagccctgag
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